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**MAR 23 2005**

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**RETIRED**  
John R. Carpenter

Also licensed to practice in:  
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## **FACSIMILE INFORMATION SHEET**

**DATE:** March 23, 2005

**TIME:** 9:17 am Central Time

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## **THE FOLLOWING PAGES ARE FOR**

**NAME OF EXAMINER:**

Ahshik Kim

**GROUP ART UNIT:**

2876

**NAME OF AGENCY:**

U.S. Patent and Trademark Office

**FACSIMILE (FAX) NO.**

703-872-9306

**EXAMINER'S TELEPHONE NO.**

571-272-2393

**TRANSMITTING PARTY:**

Mr. Mike Williams

**FIRM:**

Simmons, Perrine, Albright & Ellwood, P.L.C.

**TOTAL NUMBER OF PAGES**

(including this two page cover sheet):

10 Pages

**IF PROBLEMS WITH**

**TRANSMITTAL CONTACT:**

Mickala Anderson (319-366-7641, ext. 217)

**RE:**

U.S. Patent Application No. 10/701,199

(Attorney Docket No. 37955XF)

**INFORMATION DISCLOSURE STATEMENT**

These pages are being transmitted to Examiner Ahshik Kim for filing in Application No. 10/701,199.

Thank you.

**Simmons, Perrine, Albright & Ellwood, P.L.C.**


March 23, 2005

Page 2

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**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that, on the date shown below, this Facsimile Cover Sheet, of two (2) pages, a signed Fee Transmittal form, of one (1) page, a duplicate copy of the Fee Transmittal form, of one (1) page, for accounting purposes; a signed **INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER**, consisting of two (2) pages; and an **Information Disclosure Statement By Applicant** (forms PTO/SB/08A and PTO/SB/08B), of four (4) pages; are being facsimile transmitted to Examiner Ahshik Kim, Group Art Unit 2876, fax number (703) 872-9306 at the Patent and Trademark Office for filing in Application No. 10/701,199.

Date: March 23, 2005  
Michael F. Williams, Reg. No. 39,875

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number 10/701,199 Filing Date November 4, 2003 First Named Inventor Dennis A. Durbin Examiner Name Ahshik Kim Art Unit 2876 Attorney Docket No. 37955XF	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT (\$) 180			

**METHOD OF PAYMENT** (check all that apply)

☐ Check 
 ☐ Credit Card 
 ☐ Money Order 
 ☐ None 
 ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account 
 Deposit Account Number: 19-2260 
 Deposit Account Name: Simmons, Perrine

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below 
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 
 ☒ Credit any overpayments

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims \_\_\_\_\_ Extra Claims \_\_\_\_\_ Fee (\$): \_\_\_\_\_ Fee Paid (\$): \_\_\_\_\_  
 HP = highest number of total claims paid for, if greater than 20.  
 Indep. Claims \_\_\_\_\_ Extra Claims \_\_\_\_\_ Fee (\$): \_\_\_\_\_ Fee Paid (\$): \_\_\_\_\_  
 HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	_____

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)

Other (e.g., late filing surcharge): \_\_\_\_\_ Information Disclosure Statement 180

<b>SUBMITTED BY</b>		
Signature	Michael F. Williams	Registration No. 39,875
Name (Print/Type)	Michael F. Williams	Telephone 319-366-7641 (x222)
		Date March 23, 2005

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/701,199
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 180		Filing Date	November 4, 2003
		First Named Inventor	Dennis A. Durbin
		Examiner Name	Ahshik Kim
		Art Unit	2876
		Attorney Docket No.	37955XF

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 19-2260 Deposit Account Name: Simmons, Perrine

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☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
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Provisional	200	100	0	0	0	0	

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Multiple dependent claims	360	180

**Total Claims** - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_  
 HP = highest number of total claims paid for, if greater than 20.  
**Indep. Claims** - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_  
 HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

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Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	_____

**4. OTHER FEE(S)**

Other (e.g., late filing surcharge):	Information Disclosure Statement	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)		
Other (e.g., late filing surcharge):		180

**SUBMITTED BY**

Signature	<u>Michael F. Williams</u>	Registration No. (Attorney/Agent)	39,875	Telephone	319-368-7641 (x222)
Name (Print/Type)	Michael F. Williams			Date	March 23, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Appl. No. 10/701,199  
IDS Filed March 23, 2005

**PATENT APPLICATION**  
Attorney Docket No. 37955XF

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

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**MAR 23 2005**

<b>IN RE APPLICATION OF:</b>	)	<b>GROUP ART UNIT: 2876</b>
Dennis A. Durbin	)	<b>EXAMINER: Ahshik Kim</b>
<b>APPLICATION NO.:</b> 10/701,199	)	<b>DOCKET REF.:</b> 37955XF
<b>FILED:</b> November 4, 2003	)	<b>SUBMITTED:</b> March 23, 2005
<b>FOR:</b>		Reader For Decoding Two-Dimensional Optically Readable Information

**SIR:**

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Pursuant to 37 CFR 1.97, and in accordance with Applicant's duty of disclosure under 37 CFR 1.56, Applicant hereby presents the attached Information Disclosure Statement (Form PTO/SB/08A). The attached Information Disclosure Statement is filed to identify potentially pertinent references. No admission or representation is made that a search has been performed or that the references are or are not pertinent or usable as prior art. The references speak for themselves.

Appl. No. 10/701,199  
IDS Filed March 23, 2005

**PATENT APPLICATION**  
Attorney Docket No. 37955XF

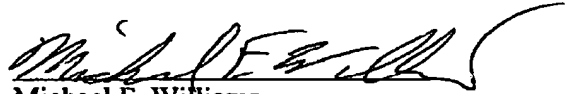
It is believed that all of the foreign and non-patent references have been previously cited, by the Patent Office or by the Applicant, in one or more ancestral applications. Consequently, Applicant believes that he is not required to submit copies of the foreign and non-patent references. In addition, it is believed that the U.S. Patent Office has waived the submission requirement regarding U.S. patent references in patent applications filed after June 30, 2003.

The Commissioner is hereby authorized to charge Deposit Account No. 19-2260 in the amount of any fees generated by this filing. A Fee Transmittal form accompanies this Transmittal Letter. Consideration of the submitted references is courteously solicited.

Respectfully Submitted,

March 23, 2005  
Date

By

  
Michael F. Williams  
Reg. No. 39,875

Simmons, Perrine, Albright & Ellwood, P.L.C.  
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Facsimile No. (319) 366-1917

Accompanying: Information Disclosure Statement Form (4 pages)

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/701,199
		Filing Date	November 4, 2003
		First Named Inventor	Dennis A. Durbin
		Art Unit	2876
		Examiner Name	Ahshik Kim
Sheet 1 of 4	Attorney Docket Number	37955XF	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 3,513,320	05/1970	Weldon	
		US- 4,044,227	08/1977	Holm et al.	
		US- 4,360,798	11/1982	Swartz et al.	
		US- 4,369,361	01/1983	Swartz et al.	
		US- 4,456,931	06/1984	Toyoda et al.	
		US- 4,488,679	12/1984	Bockholt et al.	
		US- 4,538,060	08/1985	Sakai et al.	
		US- 4,541,010	09/1985	Alston	
		US- 4,734,566	03/1988	Senda et al.	
		US- 4,764,668	08/1988	Hayard	
		US- 4,786,792	11/1988	Pierce et al.	
		US- 4,818,856	04/1989	Matsushima et al.	
		US- 4,822,986	04/1989	Guthmueller et al.	
		US- 4,877,949	10/1989	Danielson et al.	
		US- 5,107,100	04/1992	Shepard et al.	
		US- 5,117,098	05/1992	Swartz	
		US- 5,124,539	06/1992	Krichever et al.	
		US- 5,212,371	05/1993	Boles et al.	
		US- 5,321,523	06/1994	Hashimoto	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		0349770 EP	01/1990			
		0385478 EP	09/1990			
		0631679 EP	10/1999			
		0120388 JP	05/1988			
		63-253483 JP	10/1988			
		0100684 JP	04/1989			

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 4

**Complete if Known**

Application Number	10/701,199
Filing Date	November 4, 2003
First Named Inventor	Dennis A. Durbin
Art Unit	2876
Examiner Name	Ahshik Kim
Attorney Docket Number	37955XF

U. S. PATENT DOCUMENTS					
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		Number-Kind Code <sup>2</sup> (if known)			
		US 5,331,176	07/1994	Sant Anseimo	
		US 5,347,113	09/1994	Reddersen et al.	
		US 5,365,050	11/1994	Worthington et al.	
		US 5,371,347	12/1994	Plesko	
		US 5,371,348	12/1994	Kumar et al.	
		US 5,378,882	01/1995	Gong et al.	
		US 5,382,779	01/1995	Gupta	
		US 5,382,782	01/1995	Hasegawa et al.	
		US 5,406,061	04/1995	Knight	
		US 5,410,141	04/1995	Koenck et al.	
		US 5,414,250	05/1995	Swartz et al.	
		US 5,414,251	05/1995	Durbin	
		US 5,418,684	05/1995	Koenck et al.	
		US 5,466,921	11/1995	Lapinski et al.	
		US 5,504,316	04/1996	Bridgelall et al.	
		US 5,821,523	10/1998	Bunte et al.	
		US 5,902,988	05/1999	Durbin	
		US 6,039,258	03/2000	Durbin et al.	
		US 6,164,545	12/2000	Danielson	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
		0198175 JP	08/1991		
		5-94556 JP	04/1993		
		5-174204 JP	07/1993		
		406162247 JP	06/1994		
		WO 93/18478 EP	09/1993		

Examiner  
SignatureDate  
Considered

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Sheet	3	of	4		

[illegible][illegible]

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**Complete if Known**

Application Number	10/701,199
Filing Date	November 4, 2003
First Named Inventor	Dennis A. Durbin
Art Unit	2876
Examiner Name	Ahshik Kim
Attorney Docket Number	37955XF

Sheet

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of

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-iss number(s), publisher, city and/or country where published.	T <sup>2</sup>
		US 5,347,112, 9/1994, Durbin (withdrawn)	
		Mark Alpert, "Building a Better Bar Code", Jun. 15, 1992 p. 101 Fortune Magazine.	
		John Burnell & Mark David, "Auto. ID featured at CeBIT", Jun. 1993, vol. 2, No. 4, p. 1, Automatic I.D. News.	
		Hitachi Ltd., vol. 13, No. 66, p. 828, Oct. 1988.	
		E.R. Williams, "Two-Dimensional Image Sensor Using One-Dimensional Sensor Array", Jul. 1978, vol. 21, No. 2, pp. 436-437, IBM Technical Disclosure Bulletin.	

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